

Welcome to Wheaton Revitalization News!

Wheaton Revitalization News is an email distribution list that will provide frequent updates to the surrounding community on the Wheaton Revitalization project. The purpose of this distribution list is to provide you with project updates and construction activities. For additional information on the Wheaton Revitalization Project please visit http://www.wheatonproject.com

Look Ahead - Week of August 20 to August 26

Geothermal Drilling

The Contractor will continue with the Geothermal drilling operation during the upcoming week of August 20. Likewise, the insertion of the Geothermal tubes (See Photo) and the grouting operation will continue along with the borehole drilling.

Allied Drilling, the Geothermal Drilling Contractor, continues with three (3) large drill rigs successfully completing 112 of the 150 geothermal boreholes. Thus far, progress has been very good and 75-percent of the drilling is now complete. Allied Drilling has a forth crew on-site inserting the Geothermal UBends (See Photo of Geothermal tubing) followed by grouting wells that were previously drilled and capped. The grouting operation will continue to follow the drilling operation over the next 5-weeks. Installation of the Geothermal system will wrap-up in mid-September.

Thus far, while a little noisy, the overall geothermal operation (drilling and grouting) has had no effect on vehicular traffic or pedestrian activity.

Installation of Deep Wells

The contractor mobilized a fourth drill rig and completed 16-deep wells for dewatering the site. This activity is unrelated to the Geothermal system. The contractor is currently installing an aboveground PVC piping system connecting the wells for collection and discharge of groundwater. All groundwater will be tested prior to discharge in accordance with the Maryland Department of Environment (MDE) permit issued for the project. The deep wells will serve to dewater the site of groundwater in advance of the mass excavation operation scheduled to commence in early-September.

Installation of Support of Excavation System (SOE) System

Equipment and materials will be arriving this week in preparation for the Support of Excavation System installation. The contractor will mobilize two (2) large drill rigs, both of which will be assembled on-site, and drill, place, and grout

75-feet long steel piles around the perimeter of the site as part of the Support of Excavation (SOE) System. In all, 126 steel piles will be installed over the span of the next 3-weeks.

Installation of Inclinometer Stations

An Inclinometer is an electronic instrument used for monitoring subsurface movements and for verifying stability of slopes and embankments. An Inclinometer station is a pipe casing such as a PVC pipe placed 30-feet deep for monitoring underground movement, if any. Once the casing is installed, the Inclinometers are inserted and readings taken on a continuous basis during the excavation process to observe and measure any movement of the subsurface.

Seven (7) Inclinometer measuring stations (in all) will be installed around the perimeter of the site to monitor the stability of all slopes during excavation activity. Installation requires a small drill rig to drill six-inch diameter holes 35-feet deep for insertion of the casing. The Inclinometers and will be located outside of the construction fencing, roughly 10-feet away (distant) from the excavation itself. Disruptions caused by drilling for the Inclinometer stations will be kept to a minimum as this work will occur outside of the construction fencing and located in the pavement of Reedie Drive and Triangle Lane.

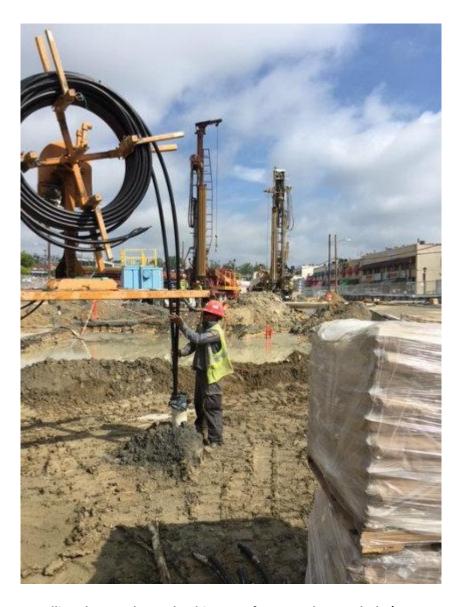
Two (2) Inclinometer stations will be installed along Grandview Avenue, three (3) Inclinometer stations will be installed along Triangle Lane, one (1) station will be installed along Reedie Drive, and one (1) station installed north of the proposed building site inside the work area.

Disruptions during the drilling operation for installation of the pipe casings will be kept to a minimum. Drilling for the three stations along Triangle Lane will be undertaken prior to 9am on the day of the drilling as to not affect traffic or business operations.

Following installation, the Inclinometer Stations will appear as a small utility cover (such as a water meter lid) and not present any disruption or inconvenience to traffic or pedestrians.

Ongoing and Planned Activities:

- Geothermal well drilling and grouting continues throughout the upcoming week.
- Installation and activation of the dewatering system will proceed.
- Testing and monitoring of groundwater will commence.
- Installation of Inclinometer Stations will commence.
- Haul-off of soil spoils resulting from the current drilling operations will begin.



Installing the Geothermal Tubing 650-feet Into the Borehole (August 18, 2017)

Update your subscriptions, modify your password or email address, or stop subscriptions at any time on your <u>Subscriber Preferences Page</u>. You will need to use your email address to log in. If you have questions or problems with the subscription service, please contact <u>subscriberhelp.govdelivery.com</u>.

This service is provided to you at no charge by <u>Department of Transportation</u> of <u>Montgomery County MD</u>.

Visit Wheaton Revitalization Project page to learn more.

This email was sent using GovDelivery Communications Cloud on behalf of: Montgomery County Maryland \cdot Monroe Street \cdot 13th Floor Rockville \cdot Rockville, MD 20850 \cdot (240) 777-2900

